

Town Hall,
PADIHAM.

14th August, 1948.

To the Chairman and Members of the Urban District of Padiham.

Lady and Gentlemen,

I have the honour to present my twenty second Annual Report dealing with the health of the inhabitants of Padiham during the year 1947.

Acting on the instructions of the Ministry of Health, this report will be an interim report confined to essential or urgent matters which have affected the Public Health during the year, outbreak of Infectious Diseases, etc.,

VITAL STATISTICS.

Population:- Estimated population in 1947 - 9,803.

No. of Live Births registered:- Males - 111 (Leg. 106, Illeg. 5.)
Females - 124 (Leg. 114, Illeg. 10.)
Total - 235.

Birth Rate per 1,000 estimated population - 23.9

No. of Still Births:- 1 (Male) - Total 1. Rate per 1,000 total
(live and still) - 4
births.

No. of deaths registered:- Males- 71. Females - 68. Total - 139.

Death Rate per 1,000 estimated population - 14.1

No. of deaths of Infants under 1 year of age:- Males 9 (Leg. 9 Illeg. 0)
Females 0 (Leg. 0 Illeg. 0)
Total 9.

No. of deaths of infants under 1 year of age:-

All infants per 1,000 live births - 38.

Legitimate infants per 1,000 legitimate live births - 40.

Illegitimate infants per 1,000 illegitimate live births - Nil.

Deaths from Puerperal Causes - Nil.

" " Cancer (all ages) - 17.

" " Measles - Nil.

" " Whooping Cough - Nil.

" " Diarrhoea (under 2 years of age) - Nil.

| | Mean of 5 years 1942/46 | Year 1946 | Year 1947 | Increase or decrease on 5 years average. | Increase or decrease on previous year. |
|---|-------------------------------|--------------|--------------|---|---|
| Live birth rate. | 16.1 | 20.2 | 23.9 | +7.8 | +3.7 |
| Crude death rate. | 15.9 | 16.1 | 14.1 | -1.8 | -2.0 |
| Death rate from tuberculosis of respiratory system. | 0.44 | 0.51 | 0.20 | -0.24 | -0.31 |
| Death rate from cancer. | 2.07 | 1.86 | 1.73 | -0.34 | -0.13 |
| Maternal mortality rate per 1,000 live births. | 2.82 | Nil | Nil | -2.82 | Nil |
| Per 1,000 total births. | 2.78 | Nil | Nil | -2.78 | Nil |
| Rate of deaths under one year per 1,000 live births. | 66 | 66 | 38 | -28 | -28 |

Causes of death:-

| | |
|------------------------------------|----|
| Tuberculosis of Respiratory System | 2 |
| Syphilitic Diseases | 1 |
| Influenza | 1 |
| Cancer and Malignant Disease | 17 |
| Diabetes | 2 |
| Intra-Cranial Vascular Lesions | 19 |

Causes of Death. (cont.)

| | |
|---|----|
| Heart Diseases | 30 |
| Other Diseases of Circulatory System | 4 |
| Bronchitis | 14 |
| Pneumonia | 5 |
| Other Respiratory Diseases | 4 |
| Ulcer of Stomach or Duodenum | 1 |
| Other digestive disorders | 6 |
| Nephritis | 1 |
| Premature birth | 4 |
| Congenital Malformation, birth injuries, etc. | 3 |
| Suicide | 1 |
| Other violent causes | 8 |
| All other causes | 16 |

SOCIAL CONDITIONS OF THE AREA.

Unemployment was more or less a negligent factor.

Most of the Mills are running their own Canteens and these should be encouraged and used more than they are by the workers. In addition special catering should be adopted for patients suffering from Duodenal Ulcer, Diabetes, Nephritis, etc., and so reduce the absenteeism due to sickness from these complaints.

All the schools in the area now provide dinners for the scholars and this also is to be highly commended.

The health of the inhabitants has been remarkably good during the year and so far as recreations are concerned, full advantage was taken of all the facilities controlled by the Local Authority and the various Sunday Schools, etc.

SANITARY CONDITIONS OF THE AREA.

Water Supply:- The water supply has been good both in quality and quantity. Bacteriologically the water has been much better than in previous years.

The following are the results of the Bacteriological and Chemical Examinations carried out on 3rd October, 1947.

BACTERIOLOGICAL.

| Aerobic micro-organisms growing in yeastral agar. | No. of colonies per c.c. of water. |
|--|---------------------------------------|
| in 3 days at 22% C. | 19 |
| in 2 days at 37% C. | 19 |
| Probable number of coliform organisms per 100 c.c. of water - Nil. | |

CHEMICAL.

| | | | |
|-------------------------|-------|--------------------------|------|
| Oxygen absorbed | .068 | Hardness, Temporary | Nil |
| Free and Saline Ammonia | .0020 | Permanent | 6.0 |
| Albuminoid Ammonia | .0072 | Total | 6.0 |
| Nitrous Oxygen | Nil | Reaction pH | 7.5 |
| Nitric Nitrogen | Nil | Action on Lead (24 hrs.) | 0.12 |
| Chlorides | 1.2 | Metals | Nil |

SANITARY INSPECTIONS DURING THE YEAR.

| | |
|--|-------|
| No. of premises visited | 2,357 |
| No. of defects or nuisances discovered | 927 |
| " " " " " abated | 823 |
| No. of visits to Factories | 38 |
| " " " " Cowsneds, Milkshops & Dairies | 25 |
| " " " " Common Lodging Houses | 36 |
| " " " " Infectious Disease Cases | 99 |
| " " rooms disinfected after Infectious Diseases | 9 |
| Preliminary letters and notices sent out | 544 |
| Statutory notices served | 22 |

3.
RATS AND MICE DESTRUCTION ORDER.

This order received special attention during the year.

27 inspections were made to premises alleged to be infested and each case was dealt with by the Rodent Operator with a dog and two ferrets.

In cases inaccessible to the dog and ferrets sausage rusk to which is added Zinc Phosphide was used.

537 rats were destroyed during the year.

The treatment of the sewers on the lines recommended by the Ministry of Food Infestation Department was continued during the year, the Ministry allowing a grant towards the cost of treatment.

INSPECTION AND SUPERVISION OF FOOD.

All the activities associated with the inspection and supervision of food have been closely watched by the Sanitary Inspector during the year.

BAKEHOUSES.

No. of Bakehouses on register December, 1947 - 14

11 visits were paid to these during the year. No contraventions were observed.

MEAT REGULATIONS.

No contraventions were noted during the year.

DAIRIES AND COWSHEDS.

25 visits were made to Cowsheds. No contraventions were noted.

Two Supplementary licenses were issued for the sale of "Tuberculin Tested" and "Pasturised" Milk.

FOOD AND DRUGS ACT, 1935.

| | |
|--|------|
| 1. Cowkeepers in the Urban District retailing milk in the district. | - 9 |
| 2. Cowkeepers outside the Urban District retailing milk in the district. | - 32 |
| 3. Shopkeepers in the district retailing milk | - 48 |
| 4. Purveyors of milk | - 4 |
| Total | - 93 |

Three additional persons were registered for the sale only of ice cream.

16 premises were registered for the manufacture or sale of preserved meat, all food premises have been maintained in a satisfactory state.

FACTORIES ACT.

49 visits were paid to the Factories in the district and they were found to be in a satisfactory condition generally.

The following is the number of factories in the register at the end of the year:-

| | |
|---------------------------------|------------|
| Factories with Mechanical power | - 84 |
| " without " " " | - 53 |
| Total | <u>137</u> |

The number of workplaces on the register at the end of the year was 22.

4.
OFFENSIVE TRADES.

In the district these are confined to Engine Boilers and 3 separate firms conduct the trade. The premises were regularly inspected by the Sanitary Inspector.

COMMON LODGING HOUSES.

There is one Common Lodging House in the district and 36 visits of inspection were paid to it during the year and no complaint was noted.

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES ETC.

1947 was more or less a normal year apart from a mild epidemic of Measles.

76 Cases of Measles were notified during the year. The type was mild and no deaths were recorded.

2 Cases of Acute Poliomyelitis were reported. Both cases were of the mild type and recovered without any paralysis.

3 Cases of Diphtheria were reported during the year.

Fortnightly clinics were held at the Town Hall for immunisation and 142 pre-school children and 54 school children were immunised by me during the year.

Immunisation state of child population as at 31st December, 1947:

| | Under 5 Years of age. | Over 5 and under 15 years of age. | Total under 15 yrs. of age. |
|---|-----------------------------|---|-----------------------------------|
| Number of child population protected by immunisation up to the 31st December, 1947. | 306 | 655 | 961 |
| Percentage of number protected to the total number of children in the age group. | 53% | 55% | 54% |

A very adequate supply of Diphtheria Anti-Toxin is available in the district for all Medical Practitioners, free of cost.

The following cases of Infectious Diseases (other than Tuberculosis) were notified during the year:-

| | |
|------------------------------|----|
| Diphtheria | 3 |
| Measles | 76 |
| Whooping Cough | 11 |
| Acute Pneumonia | 10 |
| Puerperal Pyrexia | 1 |
| Acute Poliomyelitis | 2 |
| Dysentery | 2 |
| Ophthalmia Neonatorum | 1 |
| Erysipelas | 3 |
| Chicken Pox | 13 |

TUBERCULOSIS.

9 Cases of Tuberculosis were reported during the year, 6 Pulmonary and 3 Non- Pulmonary.

I would like to render thanks to the Sanitary Inspector for his loyal co-operation and services rendered during the year.

I am,

Lady and Gentlemen,

Your obedient servant,

J.W.J. FORSYTHE.

Medical Officer of Health.

